

Danny Orlando Speaking Points

DER at Federal Facilities - Atlanta

Good morning - and welcome to

Char-lant-ingham, the megapolis stretching from Charlotte to Birmingham. If energy use and distribution wasn't already on your mind, it should be.

Unbridled growth in the Southeast is obvious, profitable, challenging, and sometimes annoying. We have more than 50 million people in the Southeast and we have serious air quality problems.

Pollutants such as nitrogen oxides, sulfur dioxide, mercury, particulates, carbon dioxide, and air toxics are prominent in our air due to our automotive bad habits and our increasing use of energy mostly generated from fossil fuels. Because of this our health, our ecosystems, and our childrens' health are in jeopardy.

So, we must balance our needs and habits with actions that will preserve this beautiful planet for many more generations. We have a long way to go, but we are making progress and each of you here today is evidence of that.

Investment decisions made today will have environmental consequences far into the future. If you buy an energy-inefficient refrigerator tonight we all pay for that decision for 15 or 20 years— and you pay every month. If you put the old one in the garage for beer we also pay for that decision.

Whether purchasing an ENERGY STAR® product or switching to renewable energy - businesses, organizations, and consumers can do their part to reduce the pollutants in our air and improve the quality of life in Atlanta.

Each of us can choose to make a difference, We can *make a Change*- now and for the future.

In 2001 alone, ENERGY STAR saved 80 billion kWh and more than 10,000 MW of peak power. This would be the same as eliminating the emissions from 25 million cars – and your drive here today would have been a breeze if all those cars were out of your way. Americans bought 120 million ENERGY STAR products in 2000 eliminating pollution one purchase at a time.

If half the households in the US replaced their regular TV with an ENERGY STAR labeled model, the Change would be like shutting down a power plant.

Other programs from EPA are following in the success of ENERGY STAR.

In May 2001, President Bush's National Energy Plan recognized **Combined Heat and Power's** critical role in improving the environment and the economy:

The plan stated that, **CHP** is environmentally preferred, cost effective, efficient, and reliable.®

Four specific recommendations were made, 3 for EPA and 1 for Treasury Dept.

The recommendations for EPA included promoting clean energy (CHP and renewables) at brownfields and through streamlined CHP permitting.

By recycling waste heat, CHP systems achieve typical effective electric efficiencies of 50 - 70% — a dramatic improvement over the average 33% efficiency of conventional fossil-fueled power plants. As Edwin Land said, *"its not that we need new ideas, but we need to stop having old ideas."*

EPA's CHP Partnership program, modeled after ENERGY STAR, launched last Fall with 17 partners representing more than 5800 MW of CHP which is more than 10% of the total U.S. CHP. These partnerships have eliminated 8 million tons/year of CO₂.

This CHP partnership program provides – a strategy & support for implementing the specifics of the National Energy Policy recommendations.

EPA's objective is to accelerate the development of new CHP projects while working in partnership with project developers, equipment suppliers, host facilities, state and local governments, DOE, and NGOs. EPA's CHP partnership presently has 36 partners. www.epa.gov/chp

EPA's **Green Power partnership** is another voluntary initiative that we launched last summer. The program is also part of the National Energy Plan.

The programs' vision is to clearly establish green power procurement as part of responsible environmental management. We want to build demand for green power among large energy users in the commercial, industrial and public sectors including the federal government.

The federal sector is the nation's largest consumer of electricity at 3.5 billion dollars per year. We are also encouraged to add renewables to our energy portfolio through EO 13123 and may be required to do so under pending energy legislation.

We will do that by promoting the value of green power & lowering the transaction costs of a green power purchase.

The Green Power partnership, currently with 27 partners, aims to expand awareness and use of renewable energy by providing - information, support, and recognition for those organizations making Green Power a significant part of their energy choice.

Choosing Green Power and developing CHP projects demonstrates commitment to our planet and future generations. And it will make Charlottesville a much better place. And we might even be able to keep that beer frig in the basement as long as it is ENERGY STAR.